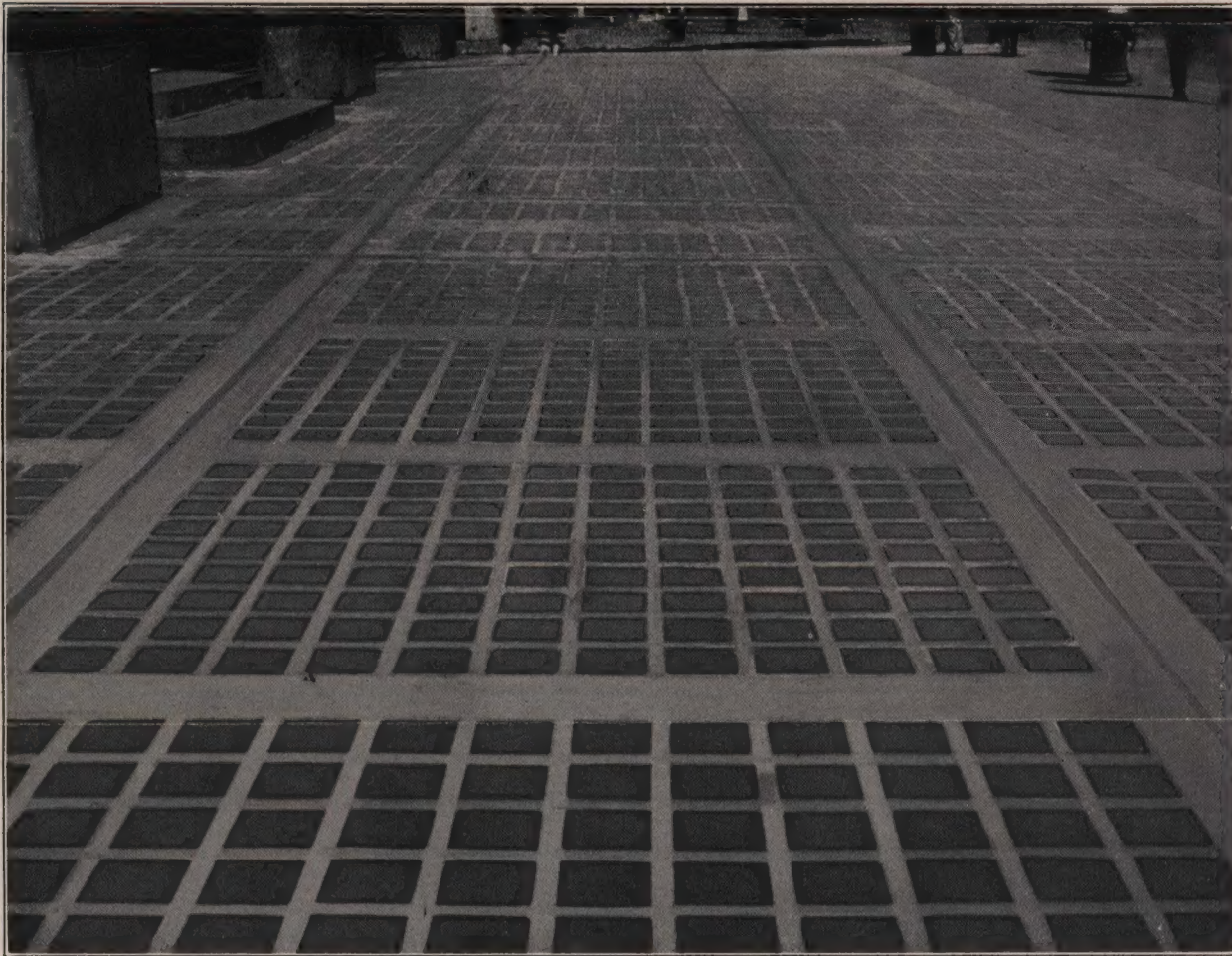


# BAR LOCK **CRUSHPROOF** SIDEWALK LIGHTS

*“The Sidewalk Lights which eliminate leakage, breakage and maintenance costs”*

SPECIFICATION AND DETAIL ON BACK



AMERICAN BAR LOCK COMPANY

**CRUSHPROOF**

SIDEWALK LIGHTS



# BAR LOCK-CRUSHPROOF

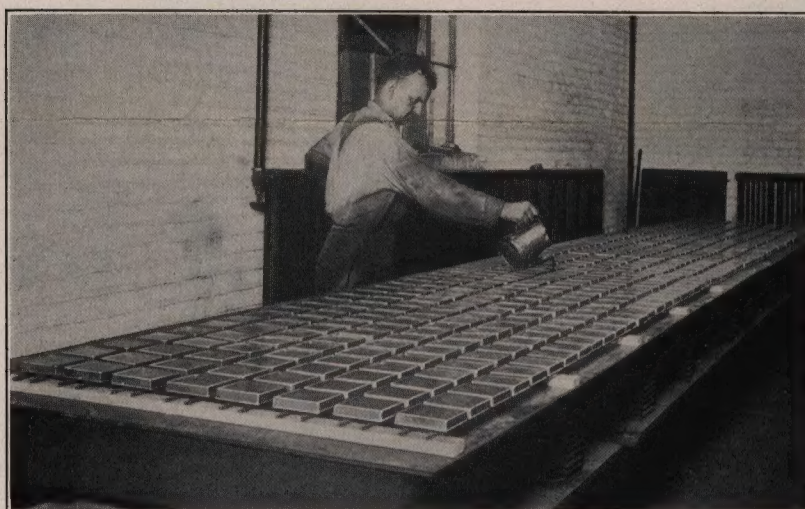
## 1. PERFECT GLASS

It is almost impossible for a piece of defective glass to go into the manufacture of Bar Lock **CRUSHPROOF** Sidewalk Lights. Not only is the glass made out of the most resistant material, but every single piece is submitted to a polariscope resistance test before it is glazed into the cast iron shield which is then set in the concrete.

Furthermore the bottom of the glass is moulded in a form that diffuses the light to the greatest advantage.

## 2. LEAKPROOF MATERIAL

Bar Lock **CRUSHPROOF** Sidewalk Lights are guaranteed on account of the scientific way in which they are made. Each piece of glass is placed in a metal shield before being set in the concrete. A special elastic filler of tar and sulphur has been perfected for glazing the glass into the shield. This filler is melted twice before being used in order to eliminate the crystallization of the sulphur. Furthermore, in order to assure perfect adherence, the shields and the glass are maintained hot while the filler is being poured in. For this purpose heated metal tables are used.

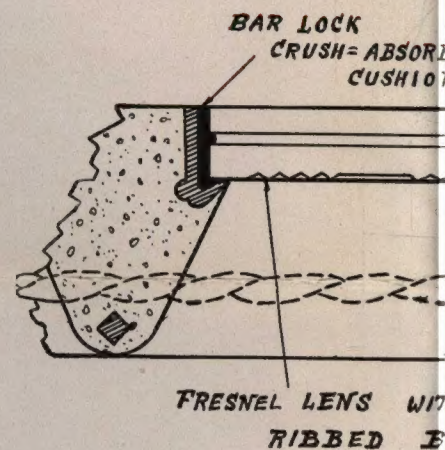


## THE FIVE "STEPS"

THAT ELIMINATE  
AGE AND MAINT

## 5. CRUSHPROOF

Owing to the recent discovery of the and tear of the street traffic of temperature that break t —but is the ever-increasing on the sides of the glass to the weather steadily American Bar Lock Company **CRUSHPROOF** Sidewalk protected from this crush of glass is contained in ca with Bar Lock crush-absorb In this way 99% of the cause eliminated.



Main Office & Factory: LONDON



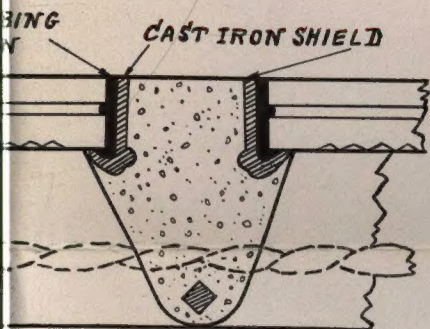
# CRUSH-PROOF-SIDEWALK LIGHTS

## STRONG POINTS"

### LEAKAGE, BREAK- REPAIR COSTS

#### PRINCIPLE

very—that it is *not* the wear  
ic, nor the sudden changes  
he glass in Sidewalk Lights  
ing *crush of the concrete*  
s—for all concrete exposed  
increases in volume—the  
ny has been able to create  
Lights. In order to be  
of the concrete, each piece  
st-iron shield that is lined  
ping Elastic Cushion.  
es of broken glass have been



**LOCK COMPANY**  
**CRUSH-PROOF**  
**SIDEWALK LIGHTS**

LONG ISLAND CITY, N. Y.

### 3. SKILLED LABOR

The manufacturing and installation of Sidewalk Lights has become a highly specialized industry. It takes specialists to glaze the glasses into their metal shields, specialists to make the filler that is used for this glazing. It takes another line of specialists to build and set the forms for the reinforced concrete. Even the pouring of the concrete is much more complicated than on any other type of concrete construction. For all these particular functions the American Bar Lock Company has developed a group of very skilled workmen. This is another factor that is back of the guarantee furnished with every installation of Bar Lock **CRUSHPROOF** Sidewalk Lights.

### 4. EASY REPLACEMENT

Although it is extremely rare that a glass in Bar Lock **CRUSHPROOF** Sidewalk Lights becomes broken (it only happens by accident or abuse) the construction is so made that a glass can very easily and quickly be replaced as no skilled labor is required. The broken glass can very easily be removed from the cast-iron shield which remains anchored tight in the concrete. Just as easily a new piece of glass can be slipped into its place. Bar Lock Elastic Compound is then poured into the groove to make the job watertight. And to insure this replacement easier yet—the American Bar Lock Company is making a *special offer* of furnishing the glass free of charge, f.o.b. factory, during a period of five years.



SPECIFICATION AND DETAIL ON BACK

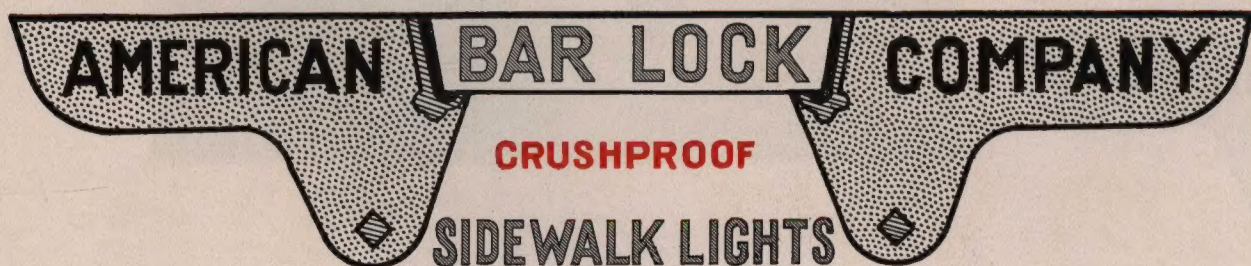
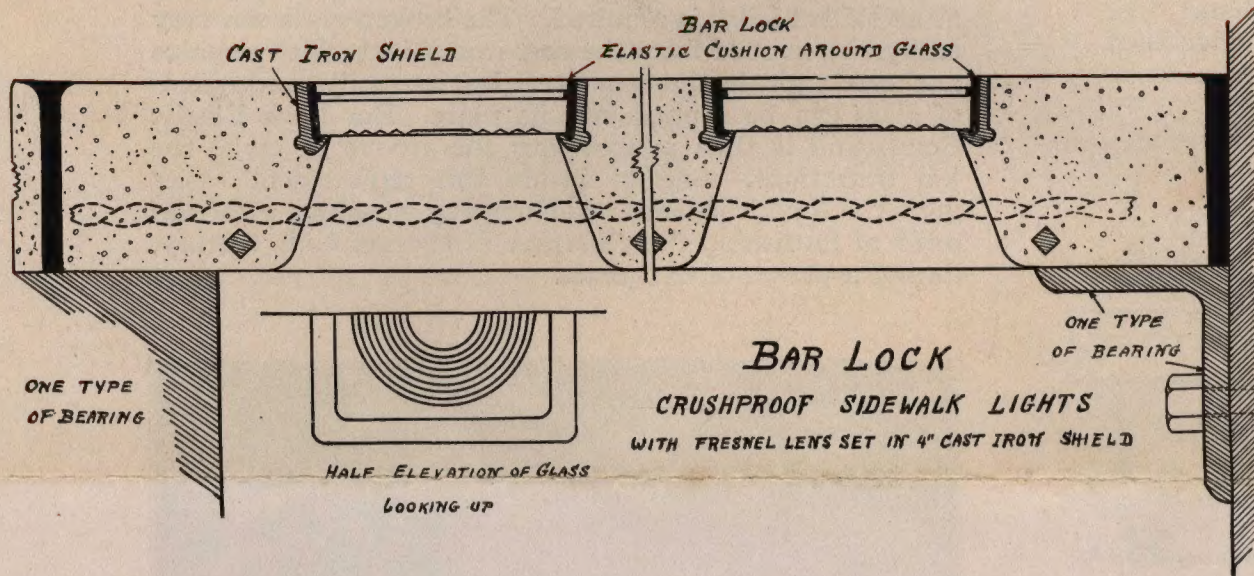
BAR LOCK - **CRUSHPROOF** - SIDEWALK LIGHTS



# SPECIFICATION

Bar Lock **CRUSHPROOF** Sidewalk Lights  $\left. \begin{array}{l} 3'' \text{ Round} \\ 4'' \text{ Square} \end{array} \right\}$  cast-iron shield protected, Lazalite, polariscope-tested glass, glazed with double heat-treated Bar Lock elastic filler, including signed guarantee to furnish glass for replacement free of charge f. o. b. factory, for a period of 5 years.

## DETAIL



MAIN OFFICE & FACTORY: LONG ISLAND CITY, N. Y.



Digitized by:



ASSOCIATION  
FOR  
PRESERVATION  
TECHNOLOGY,  
INTERNATIONAL

[www.apti.org](http://www.apti.org)

**BUILDING  
TECHNOLOGY  
HERITAGE  
LIBRARY**

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

**NATIONAL  
BUILDING  
ARTS  
CENTER**

<http://web.nationalbuildingarts.org>